

**INTERNAL TITLE 5
VACANCY ANNOUNCEMENT**

Announcement Number:	2006-143	Opening Date:	9/20/06	Closing Date:	10/11/06
Position/Position Number:	Electrical Engineer GS-0850-12 #3656	Organizational Location:	Facilities Management Service Temple		
Salary Range:	GS-12: \$62,291– \$80,975 per annum (INCLUDES 12.52% LOCALITY COMPARABILITY PAY)	Area of Consideration:	CURRENT PERMANENT EMPLOYEES OF CTVHCS & VCS		
Duties and Responsibilities:					
<p>Incumbent serves in a major position on the Central Texas Veterans Health Care System (CTVHCS) facility design, construction, and management teams with primary responsibility for the systems' electrical systems. The incumbent will serve as Project Manager/Resident Engineer on minor construction projects. NRM projects at all facilities within the CTVHCS. MAJOR PROJECTS: Incumbent will serve as the electrical systems advisor for System's management during the design and construction phases of a major product. Incumbent reviews or designs the facilities engineering systems; reviews Architect/Engineer (A/E) work to assure compliance with all applicable requirements; reviews estimates project costs for budget and construction; and reviews or writes construction documents. Incumbent will develop sketches and/or perform CAD drawings as necessary for the performance duties. Supervises and reviews work done by other employees or contract workers if assigned. Incumbent shall ensure that electrical systems and facilities they support are completed accurately and on time to support medical requirements of the CTVHCS. Incumbent maybe assigned to monitor and/or supervise National contracts involving Government purchased and contractor installed high tech medical equipment (MRI's, Cat-scans, etc.) Incumbent will also serve as a telecommunications consultant to the CTVHCS. Must have knowledge and experience in the design and installation of telecommunication equipment such as Private Branch Exchange (PBX), Public Address (PA) and installed structured cable systems encompassing all common equipment, peripheral equipment, and cable distribution system necessary to support telephone system are highly desirable. Incumbent will be required to coordinate construction contract activities, VA work, and hospital functions to assure minimal interruption of hospital functions and minimal construction delays or problems.</p>					
Qualification Requirements:					
<p>Qualifications are derived from the Office of Personnel Management Group Coverage Qualification Standard for Professional and Scientific Positions, available in Human Resources Management Service (HRMS). BASIC REQUIREMENTS: Engineering Degree: The curriculum must be in a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering & Technology (ABET) as a professional engineering curriculum or include differential & integral calculus & courses in 5 of the following 7 areas of engineering science or physics: statics, dynamics; strength of materials; fluid mechanics, hydraulics; thermodynamics; electrical fields & circuits; nature & properties of materials; any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics. OR Combination of education & experience that furnished a thorough knowledge of the physical & math sciences underlying professional engineering & a good understanding of engineering sciences & techniques & their applications to one of the branches of engineering. In addition to the basic requirements at the GS-12 level you must have a bachelor's degree directly related to this occupation, i.e. Electrical Engineering. At the GS-12 level, must meet time-in-grade requirements and specialized experience of one year at the GS-11 level.</p>					
Rating and Ranking:					
<p>Qualified candidates will be rated and ranked on the following knowledge, skills, and abilities:</p> <ol style="list-style-type: none"> a. Professional knowledge of electrical engineering concepts, principles, and practices and familiarity with other engineering disciplines and architecture. b. Knowledge of engineering and construction standards, methods, practices, and techniques, materials, and equipment to ensure work is in compliance with federal, state, and local codes and regulations. c. Knowledge of standard contracting regulations, practices, and procedures, to include quality assurance procedures to monitor contractor compliance. d. Knowledge of health, safety, and environmental requirements as outlined in applicable standards, regulations, and/or technical orders. e. Ability to analyze, interpret, and apply rules, regulations, and procedures to a variety of situations and to recommend timely and economical solutions. f. Ability to plan and organize work and coordinate with other engineering disciplines and architects. 					
How to apply:					
<p>Permanent employees who wish to be considered for this position must obtain necessary forms through the internet address: http://www.central-texas.med.va.gov/HRMS/forms.htm. VA Form 5-4078 must be received in HRMS, Temple, by close of business on closing date of announcement. VA Forms 5-4676A and 5-4667B must be received within 7 calendar days after the closing date of this announcement. It is the responsibility of each employee to assure that his/her Official Personnel File (OPF) is current and shows ALL work experience and credentials prior to the closing date of the announcement. Please refer questions to Lili A. Sims, Human Resources Specialist at extension 40785. Area of consideration maybe expanded.</p>					
NOTE: This agency provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify the agency. The decision on granting accommodation will be on a case-to-case basis.					
THIS IS A BARGAINING UNIT POSITION.					
CTVHCS IS A SMOKE-FREE ENVIRONMENT.					
EQUAL EMPLOYMENT OPPORTUNITY: ACTIONS TO FILL THIS POSITION WILL NOT BE BASED ON DISCRIMINATORY FACTORS, WHICH ARE PROHIBITED BY LAW.					

